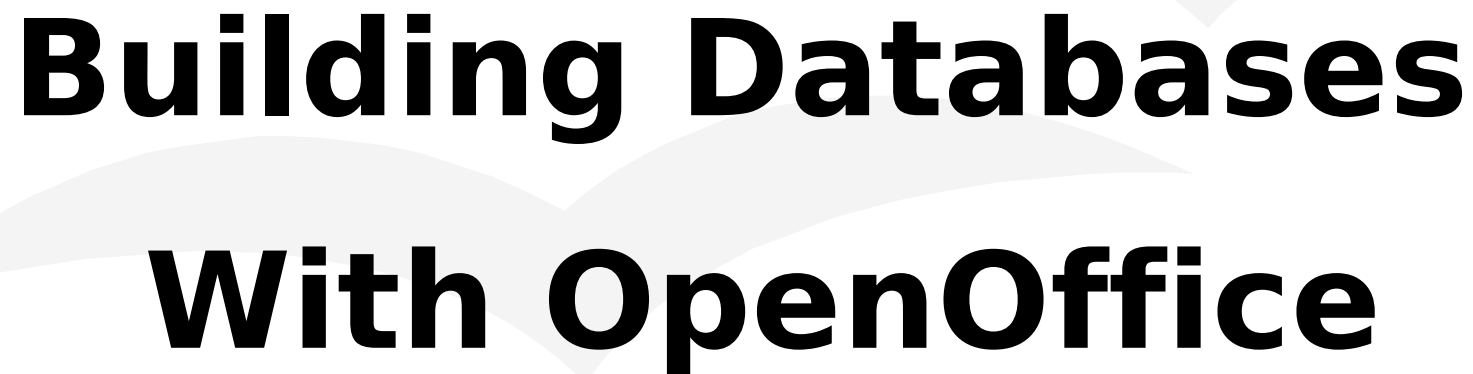




OOoRegiCon North America



Building Databases With OpenOffice

A Presentation By Landon Blake



Presentation Program

- Setting Up MySQL
- Configuring OpenOffice
- Connecting To A Database
- Creating A Table
- Creating A Form
- Getting The Data Out

Setting Up MySQL

Install MySQL

Set Up MySQL User Account

Create A Database



Create a MySQL Database



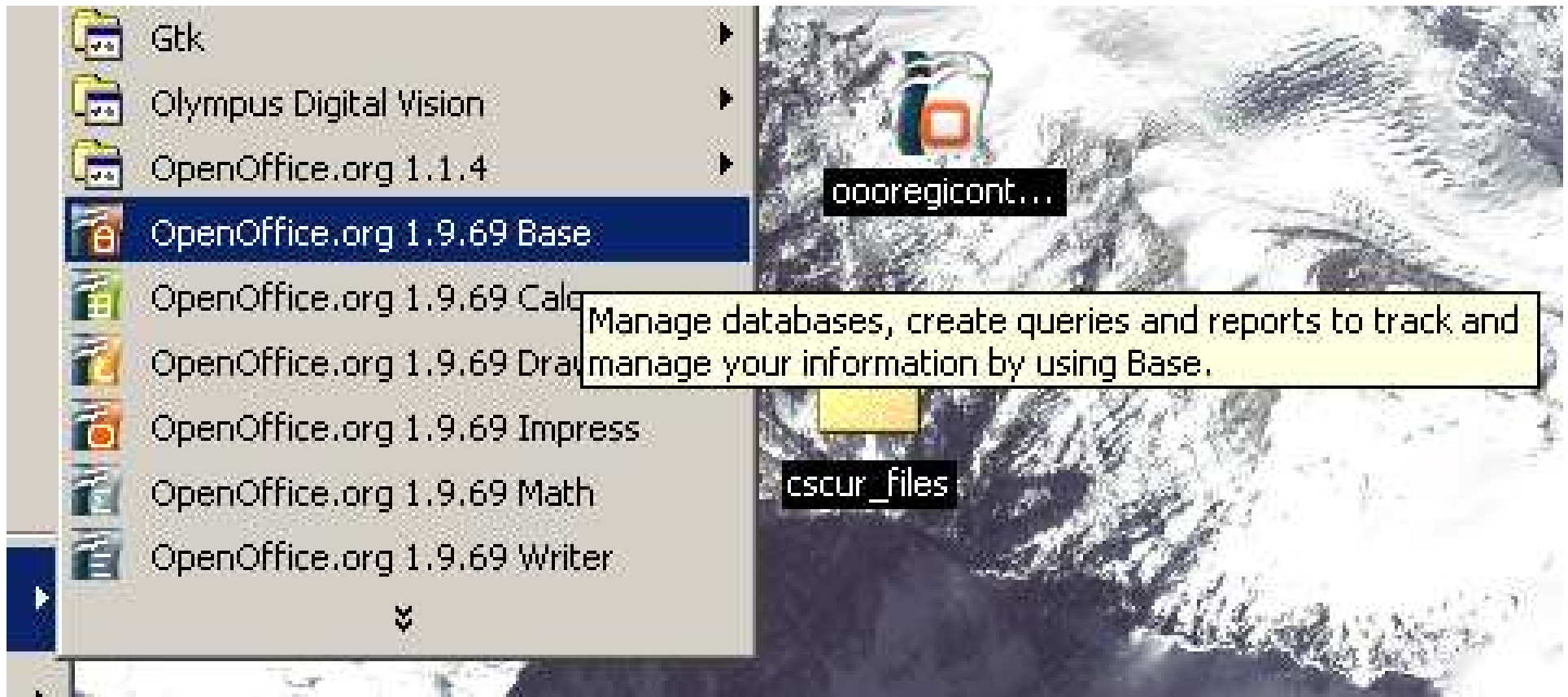
```
MySQL Command Line Client
Enter password: *****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 2 to server version: 4.1.7-nt

Type 'help;' or '\h' for help. Type '\c' to clear the buffer.

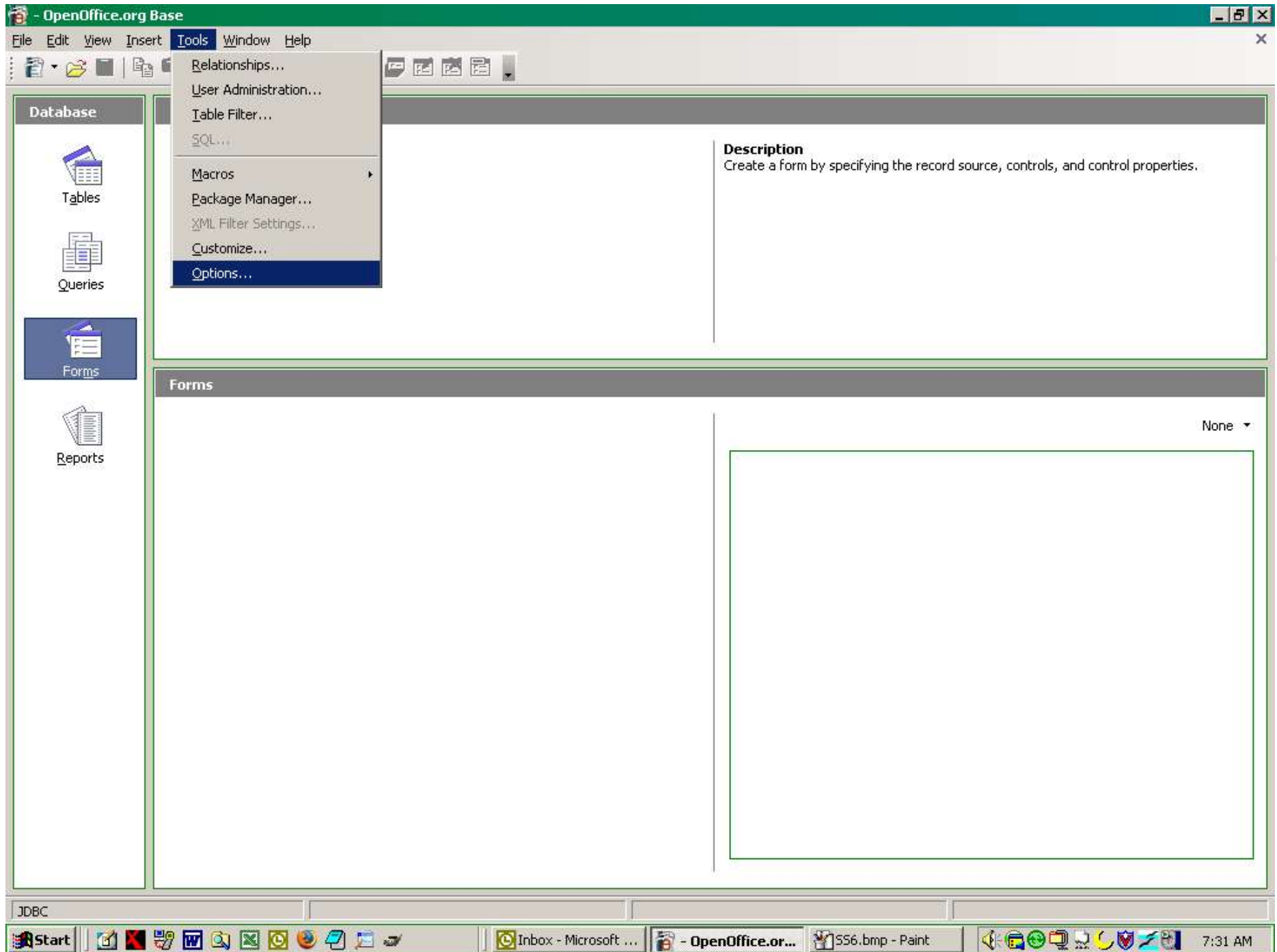
mysql> CREATE DATABASE MagazineDB;
```

Configure OpenOffice

Start OpenOffice Base



Configure Open Office



Enable Java

The screenshot shows the OpenOffice.org Base application window. The main window has a menu bar (File, Edit, View, Insert, Tools, Window, Help) and a toolbar. On the left, there are panels for Database, Tasks, and Forms. The Tasks panel shows options like 'Create Form in Design View...' and 'Use Wizard to Create Form...'. The Forms panel is currently active. A dialog box titled 'Options - OpenOffice.org - Java' is open in the foreground. It has a tree view on the left with 'Java' selected. The main area of the dialog is titled 'Java options' and contains the following text and controls:

Use a Java runtime environment

Java runtime environments (JRE) already installed:

	Vendor	Version	Features
<input checked="" type="radio"/>	Sun Microsystems Inc.	1.4.2_06	
<input type="radio"/>	Sun Microsystems Inc.	1.4.2_01	
<input type="radio"/>	Sun Microsystems Inc.	1.4.2	
<input type="radio"/>	Sun Microsystems Inc.	1.4.1_02	

Buttons: Add..., Parameters..., Class Path...

Location: C:\Program Files\Java\j2re1.4.2_06

Buttons: OK, Cancel, Help, Back

The taskbar at the bottom shows the Start button, several application icons, and the system tray with the time 7:32 AM.

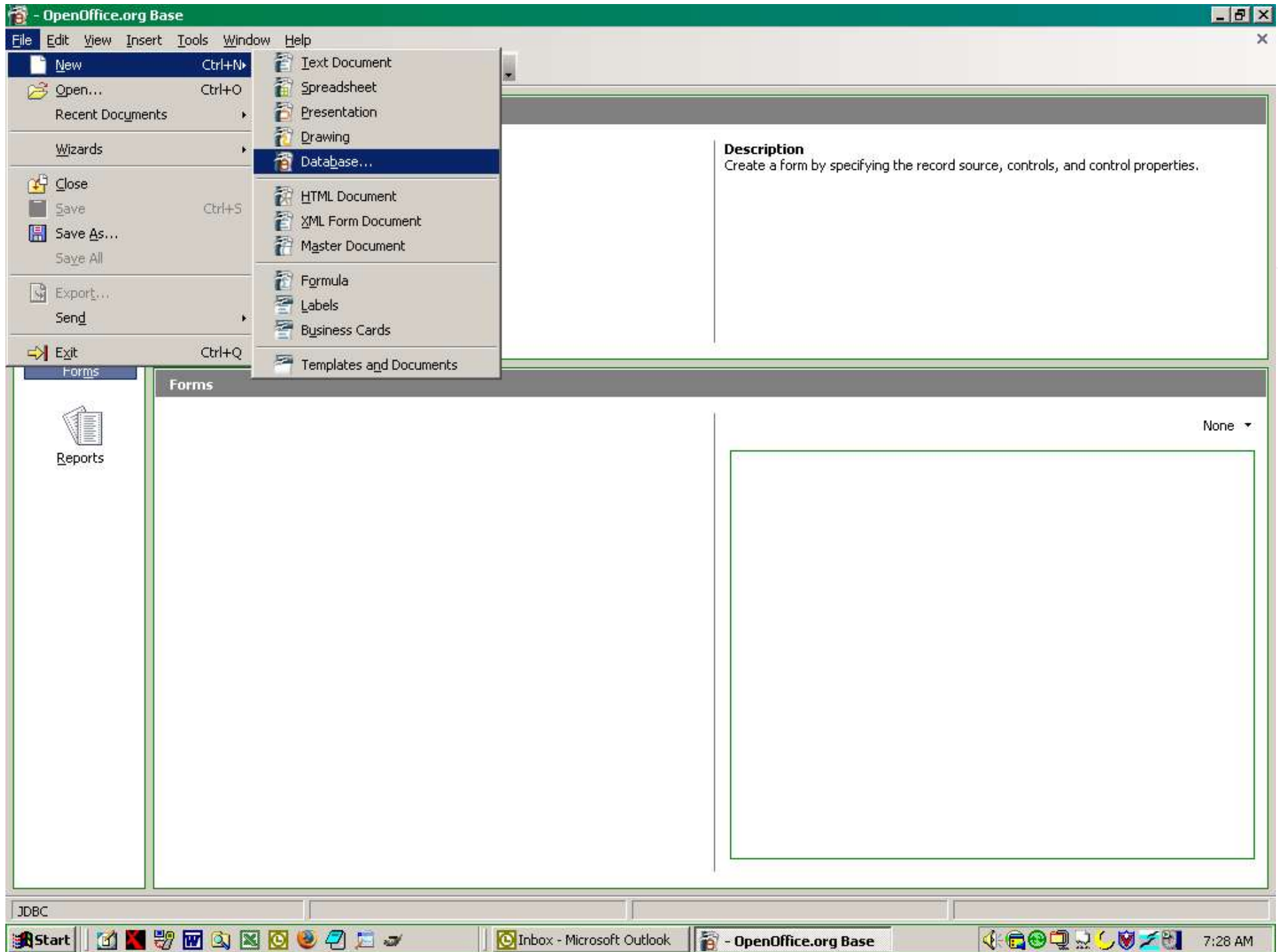
Add Connector To Class Path

The screenshot displays the OpenOffice.org Base application interface. The main window shows a sidebar with 'Database', 'Forms', 'Tables', 'Queries', and 'Reports' sections. The 'Forms' section is active, showing a 'Description' for creating forms. Overlaid on this is the 'Options - OpenOffice.org - Java' dialog box, which is open to the 'Class Path' tab. Within this dialog, a 'Select Archives' file selection window is open, showing the 'MySQLDriver' folder. The file 'mysql-connector-java-3.0.15-ga-bin.jar' is selected in the file list. The 'File name' field at the bottom of the 'Select Archives' window contains the same filename, and the 'Files of type' is set to 'Archives'. The 'Open' button is visible, indicating the next step in the process.

Add Connector To Class Path

The screenshot shows the OpenOffice.org Base application window. The main interface includes a menu bar (File, Edit, View, Insert, Tools, Window, Help), a toolbar, and a sidebar with categories like Database, Tables, Queries, Forms, and Reports. The 'Forms' category is selected, showing tasks like 'Create Form in Design View...' and 'Use Wizard to Create Form...'. A 'Description' pane on the right explains form creation. Overlaid on this is the 'Options - OpenOffice.org - Java' dialog box. The 'Java options' section has the checkbox 'Use a Java runtime environment' checked. The 'Class Path' dialog is open, showing 'Assigned folders and archives' with the entry 'C:\MySQLDriver\mysql-connector-java-3.0.15-ga-bin.jar'. Buttons for 'Add Archive...', 'Add Folder', and 'Remove' are visible. The 'Location' field at the bottom of the Java options dialog shows 'C:\Program Files\Java\j2re1.4.2_06'. The Windows taskbar at the bottom shows the Start button, several application icons, and the system tray with the time '7:33 AM'.

Connect To Database



Connect To Database

The screenshot displays the OpenOffice.org Base application interface. The main window has a menu bar (File, Edit, View, Insert, Tools, Window, Help) and a toolbar. On the left, there is a sidebar with icons for Tables, Queries, Forms, and Reports. The main area is divided into 'Tasks' and 'Forms' sections. The 'Tasks' section contains two options: 'Create Form in Design View...' and 'Use Wizard to Create Form...'. The 'Forms' section is currently empty. A 'Database Wizard' dialog box is open in the center, titled 'Welcome to the OpenOffice.org Database Wizard'. It features a 'Steps' list on the left: 1. Select database (highlighted), 2. Set up JDBC connection, 3. Set up user authentication, and 4. Save and proceed. The main text of the wizard asks 'What do you want to do?' and provides two radio button options: 'Create a new database' and 'Connect to an existing database' (which is selected). Below these options is a 'Database type' dropdown menu set to 'JDBC'. At the bottom of the dialog, there are buttons for 'Help', '<< Back', 'Next >>', 'Finish', and 'Cancel'. The taskbar at the bottom shows the Start button, several application icons, and the system tray with the time 7:29 AM.

Connect To Database

The screenshot displays the OpenOffice.org Base application window. The main interface is divided into several panes: a left sidebar with icons for Tables, Queries, Forms, and Reports; a top menu bar (File, Edit, View, Insert, Tools, Window, Help); a toolbar; a 'Tasks' pane with options like 'Create Form in Design View...' and 'Use Wizard to Create Form...'; and a 'Description' pane. A 'Database Wizard' dialog box is open in the center, titled 'Welcome to the OpenOffice.org Database Wizard'. It features a 'Steps' list on the left: 1. Select database (highlighted), 2. Set up MySQL connection, 3. Set up JDBC connection, 4. Set up user authentication, and 5. Save and proceed. The main area of the wizard asks 'What do you want to do?' with two radio buttons: 'Create a new database' (unselected) and 'Connect to an existing database' (selected). Below this, there is a 'Database type' dropdown menu set to 'MySQL' and a 'Database' text field. At the bottom of the wizard are buttons for 'Help', '<< Back', 'Next >>', 'Finish', and 'Cancel'. The Windows taskbar at the bottom shows the Start button, several application icons, and the system tray with the time 7:30 AM.

Connect To Database

The screenshot displays the OpenOffice.org Base application window. The main interface includes a menu bar (File, Edit, View, Insert, Tools, Window, Help), a toolbar, and a sidebar with icons for Tables, Queries, Forms, and Reports. The 'Forms' icon is highlighted. The 'Tasks' pane shows options like 'Create Form in Design View...' and 'Use Wizard to Create Form...'. A 'Description' pane provides instructions for creating a form. A 'Database Wizard' dialog box is open, titled 'Set up a connection to a MySQL database'. It features a 'Steps' list with five items, where '2. Set up MySQL connection' is selected. The main area of the wizard explains that users can connect to a MySQL database using either ODBC or JDBC and provides instructions to contact a system administrator if unsure. Below this, it asks 'How do you want to connect to your MySQL database?' with two radio button options: 'Connect using ODBC (Open Database Connectivity)' and 'Connect using JDBC (Java Database Connectivity)'. The 'JDBC' option is selected. At the bottom of the wizard are buttons for 'Help', '<< Back', 'Next >>', 'Finish', and 'Cancel'. The Windows taskbar at the bottom shows the Start button, several application icons, and the system tray with the time 7:34 AM.

Database

Tasks

Database Wizard

Steps

1. Select database
2. Set up MySQL connection
3. Set up JDBC connection
4. Set up user authentication
5. Save and proceed

Set up a connection to a MySQL database

You can connect to a MySQL database using either ODBC or JDBC. Please contact your system administrator if you are unsure about the following settings.

How do you want to connect to your MySQL database?

Connect using ODBC (Open Database Connectivity)

Connect using JDBC (Java Database Connectivity)

Help << Back Next >> Finish Cancel

JDBC

Start | [Icons] | [Taskbar] | 7:34 AM

Connect To Database

The screenshot displays the OpenOffice.org Base application window. The main interface includes a menu bar (File, Edit, View, Insert, Tools, Window, Help), a toolbar, and a sidebar with icons for Tables, Queries, Forms, and Reports. The 'Forms' icon is selected. The 'Tasks' pane shows options like 'Create Form in Design View...' and 'Use Wizard to Create Form...'. The 'Description' pane explains that forms are created by specifying record sources and control properties.

The 'Database Wizard' dialog box is open, showing the 'Set up connection to a MySQL database using JDBC' step. The 'Steps' list includes: 1. Select database, 2. Set up MySQL connection, 3. Set up JDBC connection (highlighted), 4. Set up user authentication, and 5. Save and print. The main text area provides instructions: 'Please enter the required information to connect to a MySQL database using JDBC. Note that a JDBC driver class must be installed on your system and registered with OpenOffice.org. Please contact your system administrator if you are unsure about the following settings.' A text box labeled 'Name of the database' contains the value 'MaqazineDB'. At the bottom of the wizard are buttons for 'Help', '<< Back', 'Next >>', 'Finish', and 'Cancel'.

An 'OpenOffice.org Base' dialog box titled 'JDBC Driver Test' is overlaid on the wizard. It contains an information icon and the message: 'The JDBC driver was loaded successfully.' An 'OK!' button is at the bottom. A 'Test class' button is visible to the right of the dialog.

The Windows taskbar at the bottom shows the Start button, several application icons, and the system tray with the time '7:35 AM'.

Connect To Database

The screenshot displays the OpenOffice Base application window. The main interface is divided into several panes: a left sidebar with icons for Tables, Queries, Forms, and Reports; a top menu bar (File, Edit, View, Insert, Tools, Window, Help); a toolbar; and a main workspace. The workspace is currently showing the 'Tasks' pane with options like 'Create Form in Design View...' and 'Use Wizard to Create Form...'. A 'Description' pane on the right explains that the wizard creates a form by specifying record sources and control properties.

Overlaid on the main workspace is the 'Database Wizard' dialog box. It features a 'Steps' list on the left, where the fourth step, 'Set up user authentication', is selected. The main area of the wizard is titled 'Set up the user authentication' and contains the following text: 'Some databases require you to enter a user name.' Below this, there is a text input field for 'User name' containing the text 'Sunburned_Surveyor'. A checkbox labeled 'Password required' is checked. At the bottom right of the wizard is a 'Test Connection' button. The bottom of the dialog box contains navigation buttons: 'Help', '<< Back', 'Next >>', 'Finish', and 'Cancel'.

The Windows taskbar at the bottom shows the Start button, several application icons, and the system tray with the time '7:36 AM'.

Connect To Database

The screenshot displays the OpenOffice.org Base application interface. The main window has a menu bar (File, Edit, View, Insert, Tools, Window, Help) and a toolbar. On the left, there is a sidebar with icons for Tables, Queries, Forms (selected), and Reports. The main area is divided into 'Tasks' and 'Forms' sections. The 'Tasks' section contains 'Create Form in Design View...' and 'Use Wizard to Create Form...'. The 'Forms' section is currently empty. A 'Database Wizard' dialog box is open, showing the 'Set up the user authentication' step. The wizard has a 'Steps' list on the left with five items: 1. Select data source, 2. Set user name, 3. Set password, 4. Set user authentication (selected), and 5. Save. The 'Set up the user authentication' step is further detailed in a 'User Name and Password Required' dialog box. This dialog box has a 'Log in' section with the text 'A password is needed to connect to the data source ""'. It contains a 'User name' field with the text 'Sunburned_Surveyor' and a 'Password' field with '*****'. There is a checked checkbox for 'Remember password till end of session'. The dialog box has 'OK', 'Cancel', and 'Help' buttons. The 'Database Wizard' dialog box also has a 'Test Connection' button and navigation buttons at the bottom: 'Help', '<< Back', 'Next >>', 'Finish', and 'Cancel'. The Windows taskbar at the bottom shows the Start button, several application icons, and the system tray with the time '7:36 AM'.

Connect To Database

The screenshot displays the OpenOffice.org Base application interface. The main window has a menu bar (File, Edit, View, Insert, Tools, Window, Help) and a toolbar. On the left, there is a sidebar with icons for Tables, Queries, Forms, and Reports. The main area is divided into 'Tasks' and 'Forms' sections. The 'Tasks' section contains two options: 'Create Form in Design View...' and 'Use Wizard to Create Form...'. The 'Forms' section is currently empty. A 'Database Wizard' dialog box is open, showing a list of steps: 1. Select database, 2. Set up MySQL connection, 3. Set up JDBC connection, 4. Set up user authentication (highlighted), and 5. Save and print. The 'Set up the user authentication' step is active, with a text box for 'User name' containing 'Surveyor' and a checked checkbox for 'Password required'. A 'Test Connection' button is visible at the bottom right of the wizard. Overlaid on top of the wizard is a smaller 'OpenOffice.org Base' dialog box titled 'Connection Test', which contains an information icon and the message 'The connection was established successfully.' with an 'OK' button. The Windows taskbar at the bottom shows the Start button, several application icons, and the system tray with the time '7:40 AM'.

Connect To Database

The screenshot displays the OpenOffice.org Base application interface. The main window is titled "- OpenOffice.org Base" and features a menu bar (File, Edit, View, Insert, Tools, Window, Help) and a toolbar. The interface is divided into several panes: "Database" (containing Tables, Queries, Forms, and Reports), "Tasks" (with options like "Create Form in Design View..." and "Use Wizard to Create Form..."), and "Forms".

The "Database Wizard" dialog box is open, showing the "Set up the user authentication" step. The wizard's progress list includes: 1. Select database, 2. Set up MySQL connection, 3. Set up JDBC connection, 4. Set up user authentication (highlighted), and 5. Save and proceed. The current step requires entering a "User name" (set to "Surveor") and has the "Password required" checkbox checked. A "Test Connection" button is visible at the bottom right of the wizard.

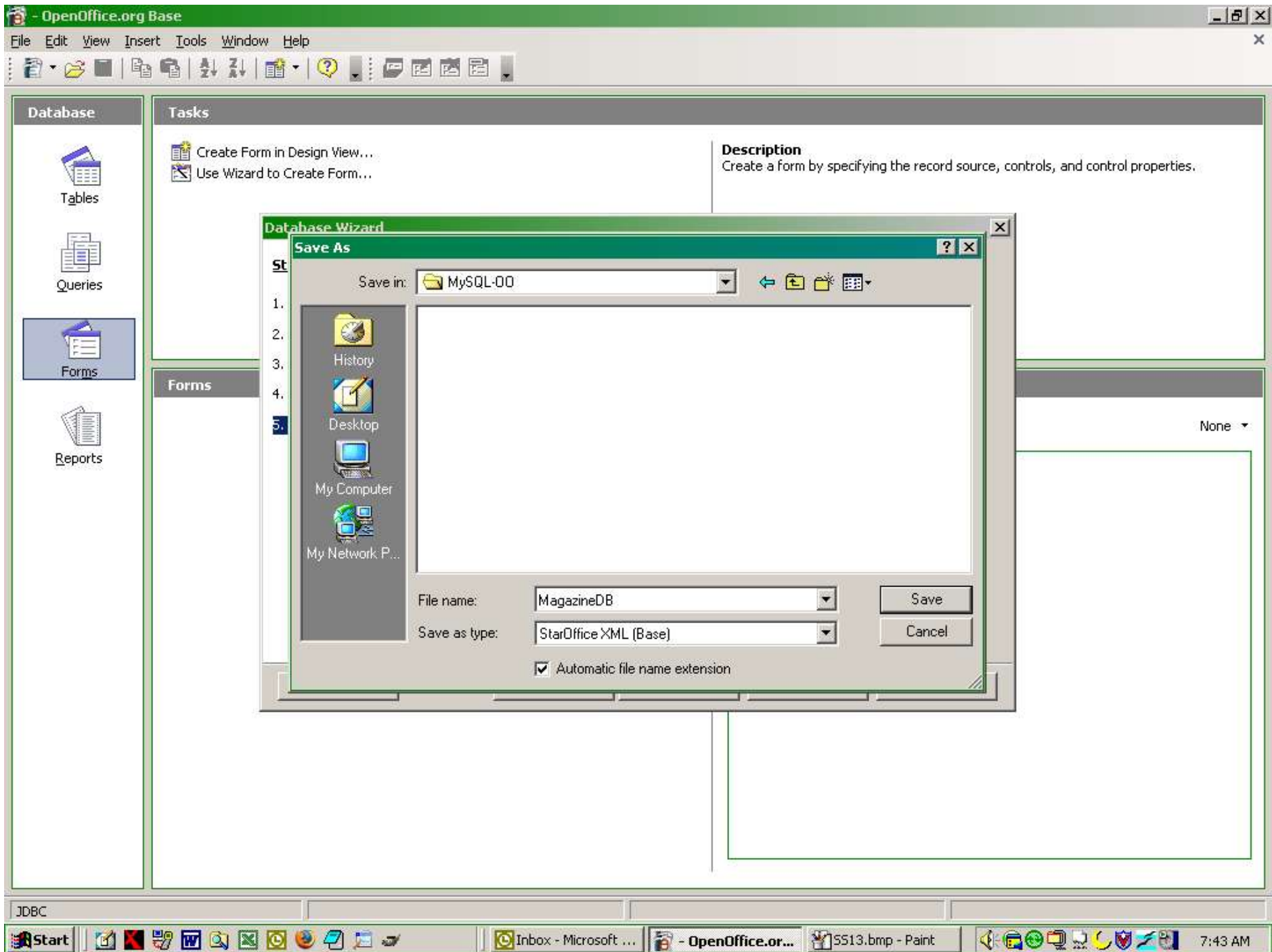
An "Error while connecting to the data source" dialog box is overlaid on the wizard. The error message reads: "Invalid authorization specification message from server: 'Access denied for user 'Surveor'@'lb-2k-bwf8811.domain.ksninc.pvt' (using password: YES)". The error dialog has "OK" and "More" buttons.

The Windows taskbar at the bottom shows the Start button, several application icons, and the system tray with the time 7:41 AM.

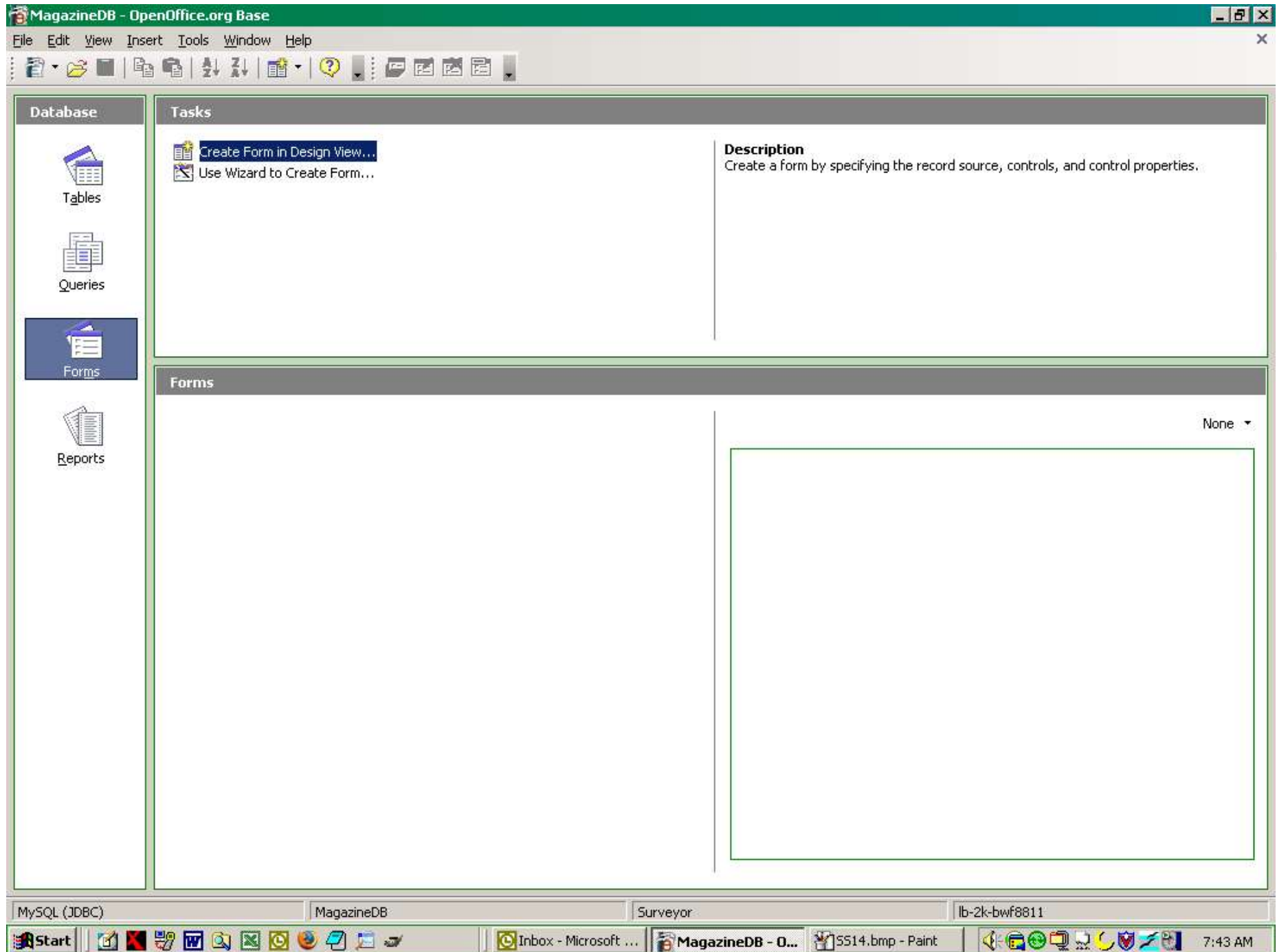
Connect To Database

The screenshot shows the OpenOffice.org Base application window. The title bar reads "- OpenOffice.org Base". The menu bar includes File, Edit, View, Insert, Tools, Window, and Help. The toolbar contains various icons for file operations and editing. The main interface is divided into several panes: Database, Tasks, Forms, and Reports. The Database pane shows icons for Tables, Queries, Forms, and Reports. The Tasks pane has two tasks: "Create Form in Design View..." and "Use Wizard to Create Form...". The Forms pane is currently empty. The Reports pane shows a "None" dropdown menu. A "Database Wizard" dialog box is open in the center, titled "Database Wizard". It has a "Steps" list on the left and a main content area on the right. The "Steps" list includes: 1. Select database, 2. Set up MySQL connection, 3. Set up JDBC connection, 4. Set up user authentication, and 5. Save and proceed (which is highlighted). The main content area is titled "Decide how to proceed after saving the database" and contains the following text: "Do you want the wizard to register the database in OpenOffice.org?" with two radio button options: "Yes, register the database for me" (selected) and "No, do not register the database." Below this is another question: "After the database file has been saved, what do you want to do?" with two checkbox options: "Open the database for editing." (checked) and "Create tables using the table wizard." (unchecked). At the bottom of the dialog box, there are four buttons: "Help", "<< Back", "Next >>", and "Finish". The "Finish" button is highlighted. The status bar at the bottom of the application window shows "JDBC" and a taskbar with various icons, including Start, Microsoft Office Word, OpenOffice.org, and Paint, along with the system clock showing 7:42 AM.

Connect To Database



The OpenOffice Base UI



Creating Tables

The screenshot displays the OpenOffice.org Base application window titled "MagazineDB - OpenOffice.org Base". The interface includes a menu bar (File, Edit, View, Insert, Tools, Window, Help) and a toolbar. On the left, a "Database" sidebar contains icons for Tables, Queries, Forms, and Reports. The main workspace is divided into "Tasks" and "Forms" panes. The "Tasks" pane lists "Create Form in Design View..." and "Use Wizard to Create Form...". The "Forms" pane is currently empty. A "Description" pane on the right contains the text: "Create a form by specifying the record source, controls, and control properties." A modal dialog box titled "User Name and Password Required" is centered on the screen. It contains the following text: "Log in", "A password is needed to connect to the data source 'file:///C:/Landon's_Stuff/MySQL-OO/MagazineDB.odb'." Below this, there are input fields for "User name" (containing "Surveyor") and "Password". A checkbox labeled "Remember password till end of session" is checked. On the right side of the dialog, there are three buttons: "OK", "Cancel", and "Help". The Windows taskbar at the bottom shows the Start button, several application icons, and the system tray with the time "7:44 AM".

Creating Tables

The screenshot shows the OpenOffice.org Base application window titled "MagazineDB - OpenOffice.org Base". The menu bar includes File, Edit, View, Insert, Tools, Window, and Help. The toolbar contains various icons for file operations and database actions. On the left, a "Database" sidebar lists "Tables", "Queries", "Forms", and "Reports". The main workspace is divided into two panes. The top pane, titled "Tasks", lists three options: "Create Table in Design View..." (which is highlighted with a blue selection bar), "Use Wizard to Create Table...", and "Create View...". To the right of this list is a "Description" box containing the text: "Create a table by specifying the field names and properties, as well as the data types." The bottom pane, titled "Tables", is currently empty and features a "None" dropdown menu in the top right corner. The taskbar at the bottom shows several open applications: MySQL (JDBC), MagazineDB, Surveyor, and lb-2k-bwf8811. The system tray on the right displays the time as 7:44 AM.

Creating Tables

MagazineDB - OpenOffice.org Base: Table Design

File Edit View Tools Window Help

Field Name	Field Type	Description
MAGDBID	BigInt [BIGINT]	
TITLE	Text [VARCHAR]	
CATEGORY	Text [VARCHAR]	
INTERVAL	Text [VARCHAR]	
PUBLISHER	BigInt [BIGINT]	

Field Properties

AutoValue: No

Entry required: No

Length: 19

Default value:

Format example: 0

Windows taskbar: Start, Microsoft Outlook, MagazineDB - Ope..., MagazineDB - O..., 7:46 AM

Creating Tables

MagazineDB - OpenOffice.org Base: Table Design

File Edit View Tools Window Help

Field Name	Field Type	Description
MAGDBID	BigInt [BIGINT]	A unique integer that identifies this row in the database.
TITLE	Text [VARCHAR]	The magazine title.
CATEGORY	Text [VARCHAR]	The category of the magazine.
INTERVAL	Text [VARCHAR]	The interval at which the magazine is delivered.
PUBLISHER	BigInt [BIGINT]	The magazines publisher.

Field Properties

AutoValue: No

Entry required: No

Length: 19

Default value:

Format example: 0

Windows taskbar: Start, Inbox - Micr..., MagazineD..., Magazine..., 5518.bmp - ..., 7:48 AM

Creating Tables

MagazineDB - OpenOffice.org Base: Table Design

File Edit View Tools Window Help

Field Name	Field Type	Description
	BigInt [BIGINT]	A unique integer that identifies this row in the database.
	Text [VARCHAR]	The magazine title.
	Text [VARCHAR]	The category of the magazine.
	Text [VARCHAR]	The interval at which the magazine is delivered.
	BigInt [BIGINT]	The magazines publisher.

Field Properties

AutoValue: No

Entry required: Yes

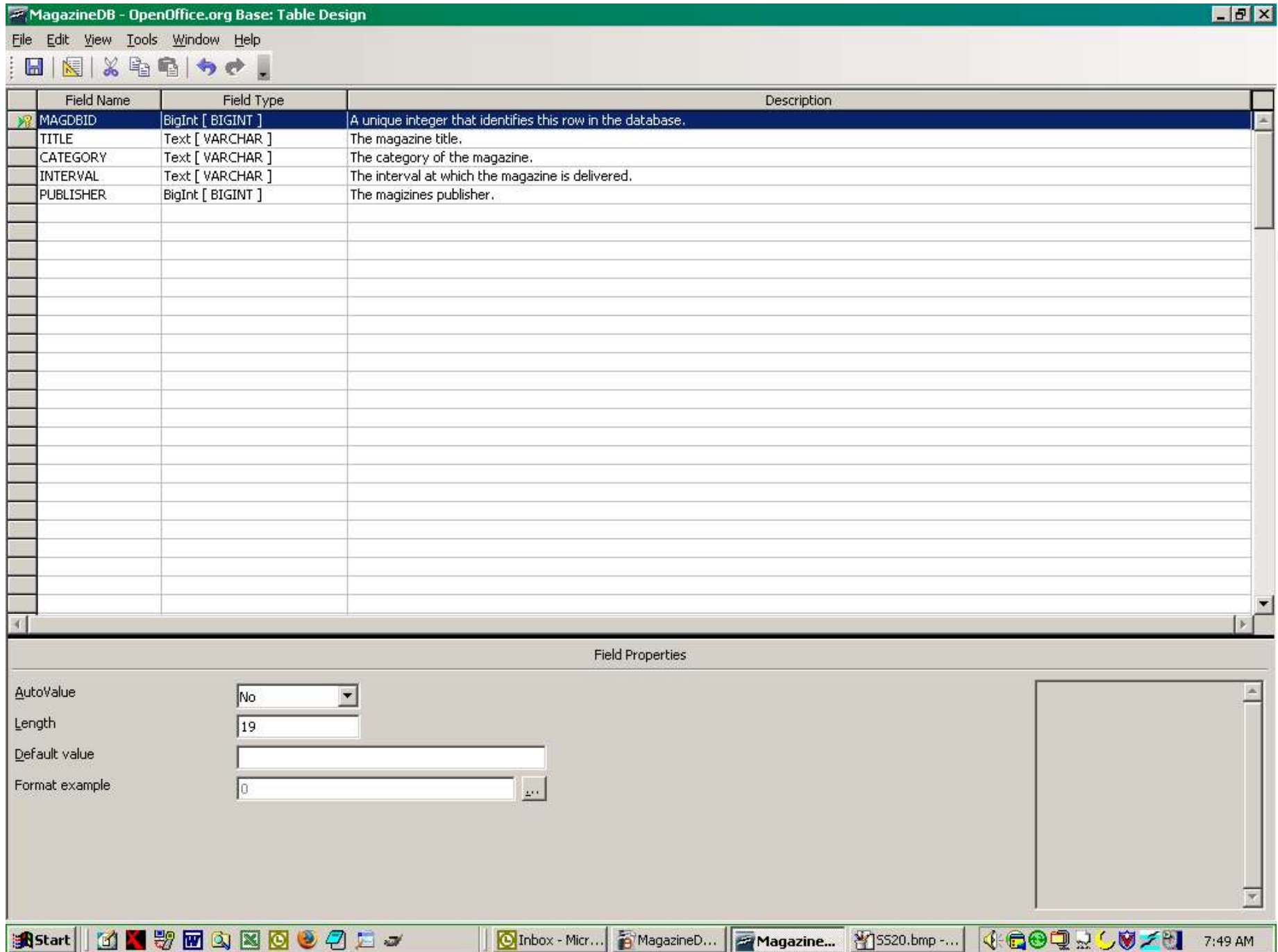
Length: 19

Default value:

Format example: 0

Windows taskbar: Start, Inbox - Micr..., MagazineD..., Magazine..., SS22.bmp - ..., 7:49 AM

Creating Tables



MagazineDB - OpenOffice.org Base: Table Design

File Edit View Tools Window Help

Field Name	Field Type	Description
MAGDBID	BigInt [BIGINT]	A unique integer that identifies this row in the database.
TITLE	Text [VARCHAR]	The magazine title.
CATEGORY	Text [VARCHAR]	The category of the magazine.
INTERVAL	Text [VARCHAR]	The interval at which the magazine is delivered.
PUBLISHER	BigInt [BIGINT]	The magazines publisher.

Field Properties

AutoValue: No

Length: 19

Default value:

Format example: 0

Windows: Start, Inbox - Micr..., MagazineD..., Magazine..., 5520.bmp - ... 7:49 AM

Creating Tables

The screenshot shows the OpenOffice.org Base Table Design window for a database named 'MagazineDB'. The table design is as follows:

Field Name	Field Type	Description
MAGDBID	BigInt [BIGINT]	A unique integer that identifies this row in the database.
TITLE	Text [VARCHAR]	The magazine title.
CATEGORY	Text [VARCHAR]	The category of the magazine.
INTERVAL	Text [VARCHAR]	The interval at which the magazine is delivered.
PUBLISHER	BigInt [BIGINT]	The magazines publisher.

A 'Save As' dialog box is open, showing the table name 'Magazines' in the 'Table Name' field. The dialog has 'OK', 'Cancel', and 'Help' buttons.

Below the table design is the 'Field Properties' panel, which is currently empty.

The Windows taskbar at the bottom shows the Start button, several application icons, and the system tray with the time 7:50 AM.

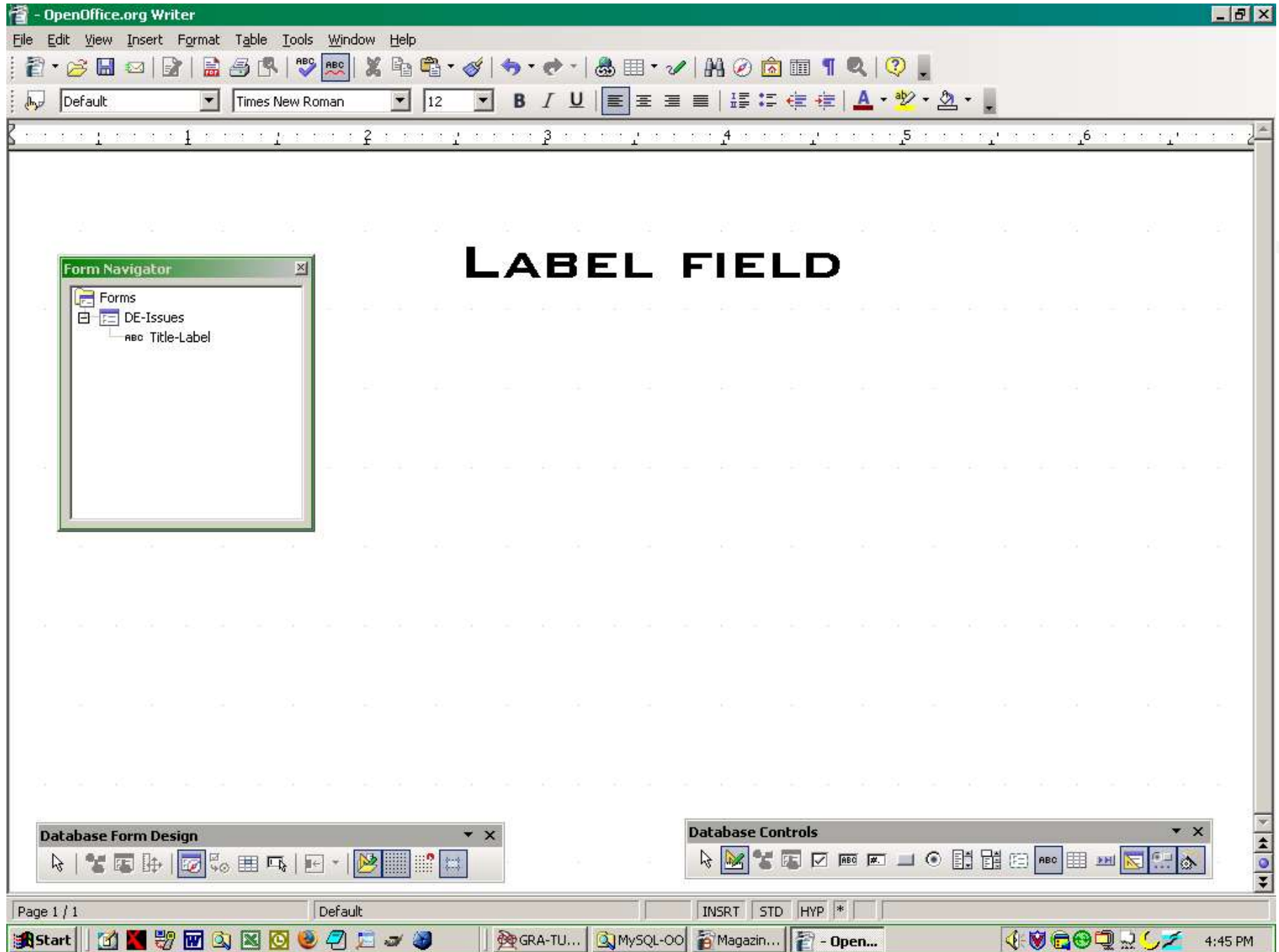
Creating Tables

The screenshot displays the OpenOffice.org Base application window titled "MagazineDB - OpenOffice.org Base". The interface is divided into several panes:

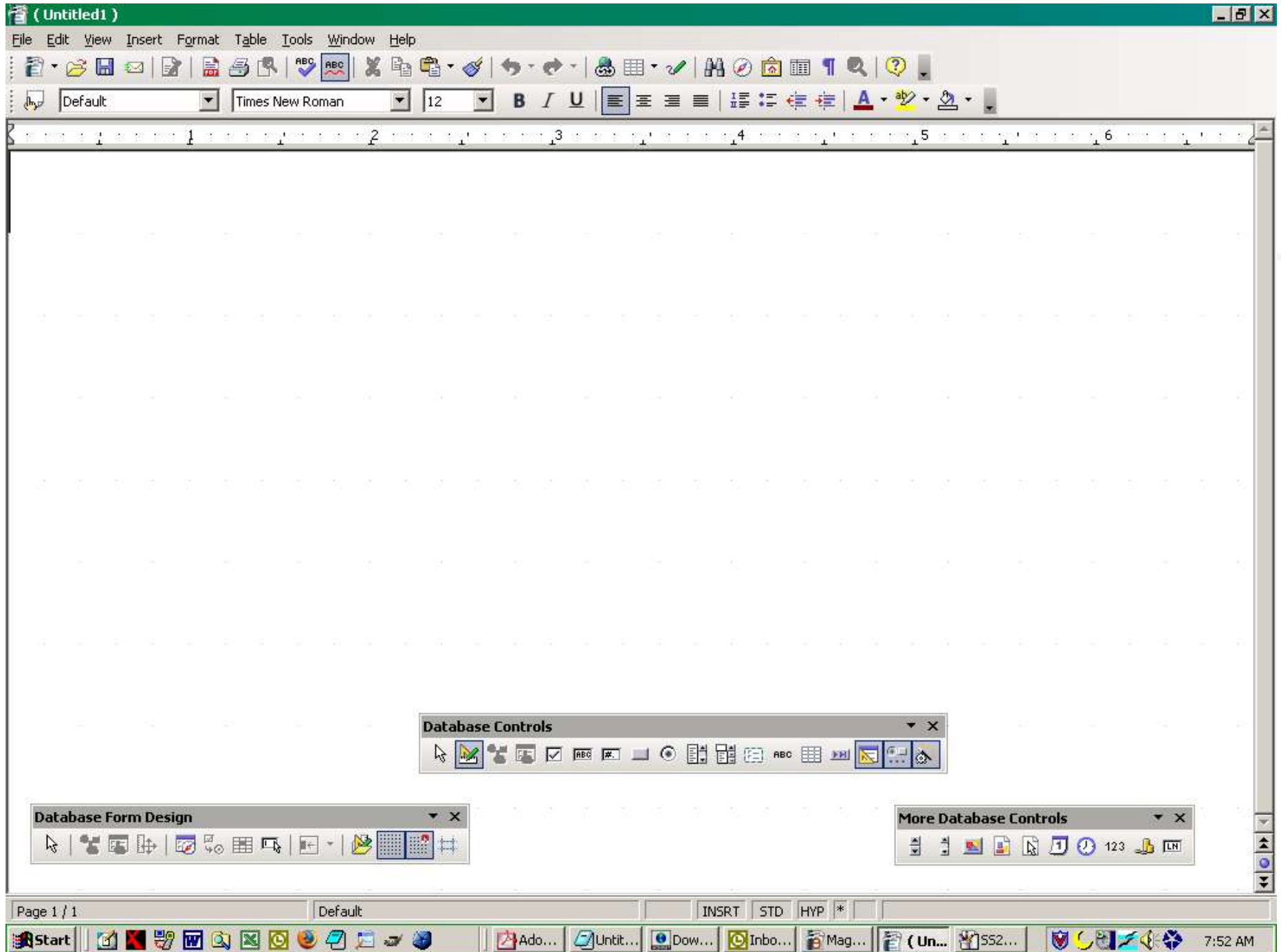
- Database:** A vertical sidebar on the left containing icons for "Tables", "Queries", "Forms", and "Reports".
- Tasks:** A central pane with a dark header. It lists three tasks: "Create Table in Design View...", "Use Wizard to Create Table...", and "Create View...".
- Description:** A pane on the right with a dark header. It contains the text: "Description: Create a table by specifying the field names and properties, as well as the data types."
- Tables:** A pane at the bottom with a dark header. It lists a single table named "Magazines".

The bottom of the window shows a taskbar with several open applications: "MySQL (JDBC)", "MagazineDB", "Surveyor", and "lb-2k-bwf8811". The system tray at the bottom right shows the time as 7:50 AM.

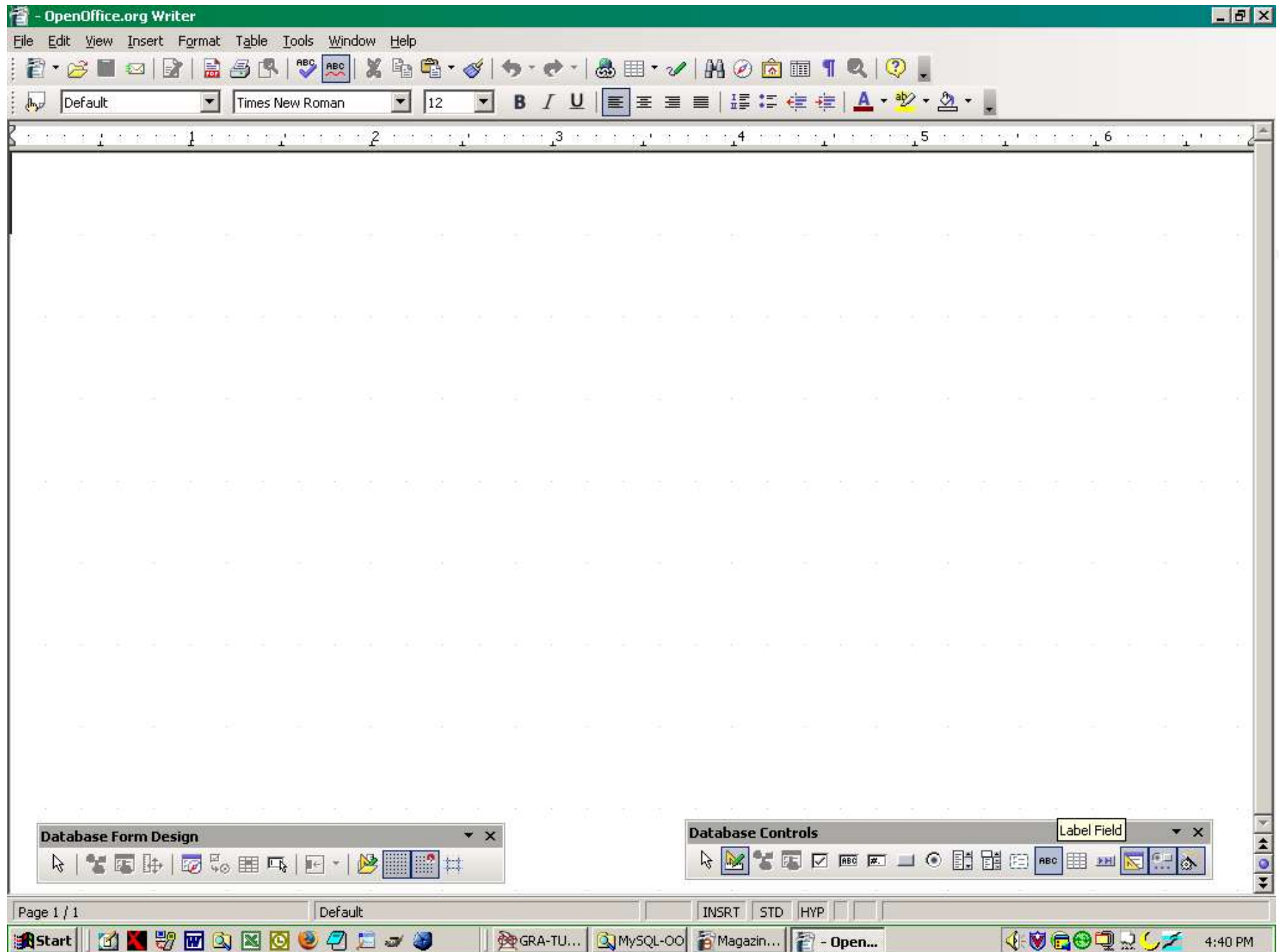
Creating Forms



Creating Forms



Creating Forms



Creating Forms

The screenshot displays the OpenOffice.org Writer interface. The main window shows a document with a grid background. A 'Form Navigator' pane on the left lists a form named 'DE-Issues' with a sub-element 'Title-Label'. The 'Position and Size' dialog box is open, showing the following settings:

- Size:** Width: 2.50", Height: 0.30", Keep ratio
- Anchor:** To paragraph, To page, To character, As character
- Protect:** Position, Size
- Position:** Horizontal: From left (dropdown), by 2.00" (input), to Paragraph area (dropdown); Vertical: Center (dropdown), by 0.19" (input), to Margin (dropdown); Mirror on even pages, Follow text

Buttons at the bottom of the dialog include OK, Cancel, Help, and Reset. At the bottom of the screen, there are two toolbars: 'Database Form Design' and 'Database Controls'. The status bar at the very bottom shows 'Page 1 / 1', 'Default', and 'INSRT STD HYP *'. The Windows taskbar at the bottom includes icons for Start, various applications, and the system clock showing 4:46 PM.

Creating Forms

The screenshot displays the OpenOffice.org Writer interface in design mode. The main document area shows a form titled "Issues Data Entry Form" with a "Date of Issue:" label and a "Contents:" field. The "Form Navigator" panel on the right shows a tree view of the form's components: "Forms", "DE-Issues", "abc Title-Label", "DateField-1", and "abc LabelField-1". The "Properties: Label field" dialog box is open, showing the "General" tab with various settings for the selected label field, including Name (LabelField-2), Label (Contents:), Enabled (Yes), Print (Yes), Font (Arial), Alignment (Left), Background color (Default), Border (Without frame), Border color (Default), Word break (No), Additional information, Help text (Enter titles of articles as a comm...), and Help URL.

OpenOffice.org Writer

File Edit View Insert Format Table Tools Window Help

Issues Data Entry Form

Date of Issue:

Contents:

Form Navigator

Forms

- DE-Issues
 - abc Title-Label
 - DateField-1
 - abc LabelField-1

Properties: Label field

General Events

Name..... LabelField-2

Label..... Contents:

Enabled..... Yes

Print..... Yes

Font..... Arial

Alignment..... Left

Background color..... Default

Border..... Without frame

Border color..... Default

Word break..... No

Additional information.....

Help text..... Enter titles of articles as a comm...

Help URL.....

Database Form Design

Database Controls

Page 1 / 1

Default

INSRT STD HYP * 0.50 / 0.75

Start GR... Docs Ma... - O... S53... Ad... Ma... 5:03 PM

Creating Forms

The screenshot displays the OpenOffice.org Writer interface. The main window title is "- OpenOffice.org Writer". The menu bar includes File, Edit, View, Insert, Format, Table, Tools, Window, and Help. The toolbar contains various icons for file operations, editing, and formatting. The main text area contains the title "Issues Data Entry Form".

On the right side, there is a "Form Navigator" panel showing a tree structure of forms:

- Forms
 - DE-Issues
 - Title-Label
 - DateField-1
 - LabelField-1
 - LabelField-2
 - TextBox-1

In the center-left, the "Properties: Text Box" dialog is open, showing the "General" tab. The "Scrollbars" dropdown is set to "None", and the "Hide selection" dropdown is set to "Vertical".

Below the main text area, there is a "More Database Controls" panel with various icons for database-related controls.

At the bottom, there are two panels: "Database Form Design" and "Database Controls". The "Database Form Design" panel contains icons for different form elements. The "Database Controls" panel contains icons for various database controls.

The status bar at the bottom shows "Page 1 / 1", "Default", and "INSRT STD HYP *". The Windows taskbar at the very bottom shows the Start button and several open applications, including "GR...", "Docs", "Ma...", "- O...", "SS3...", "Ad...", and "Ma...". The system clock shows "5:05 PM".

Creating Forms

The screenshot shows the OpenOffice.org Writer interface. The main document area contains a form titled "Issues Data Entry Form" on a grid background. The form includes a text input field, a date field, two label fields, and a button labeled "Add Articles".

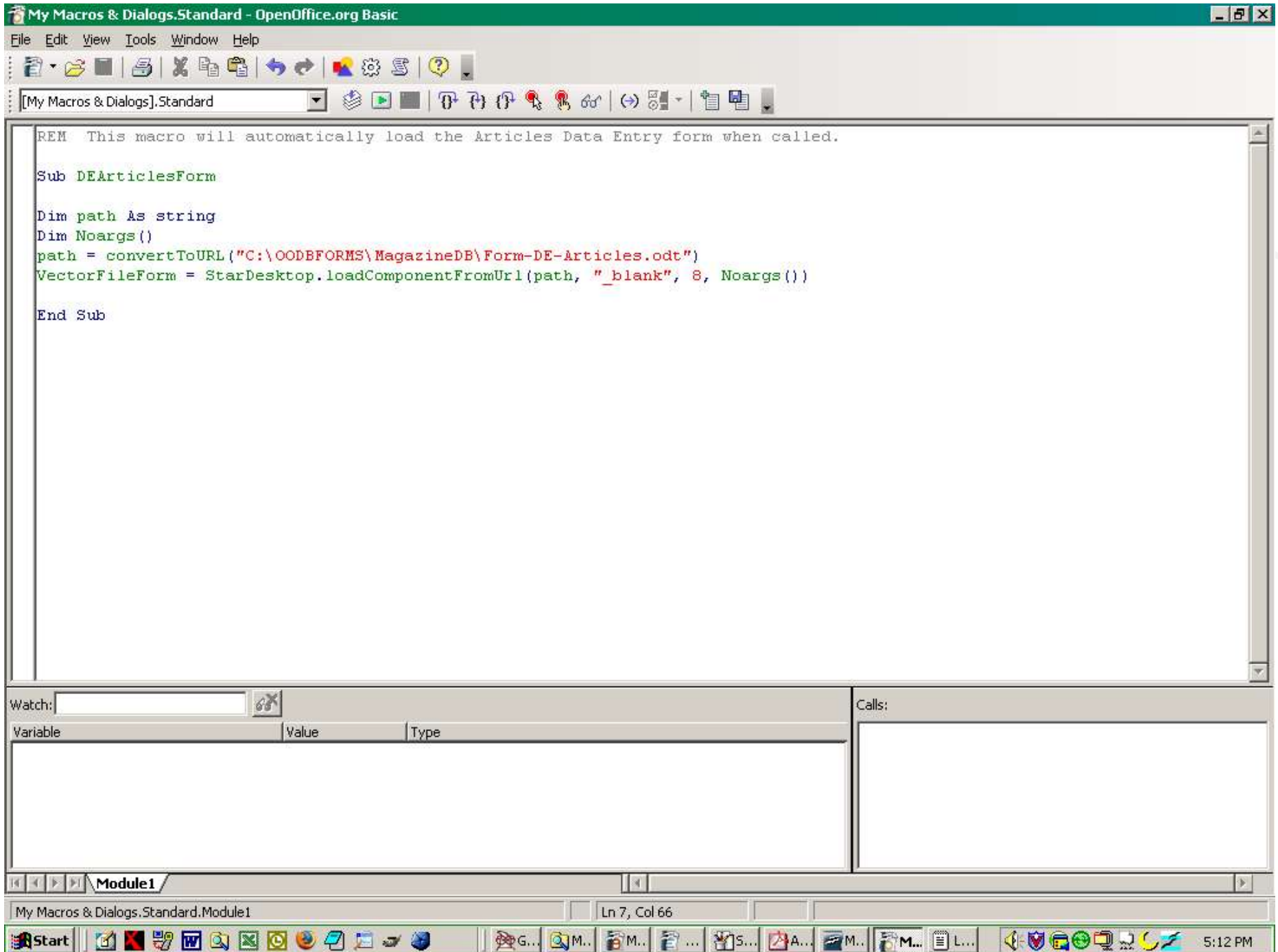
The **Properties: Button** dialog is open on the left, showing the following settings:

- Name: PushButton-1
- Label: Add Articles
- Enabled: Yes
- Print: Yes
- Tabstop: Yes
- Tab order: 0
- Repeat: No
- Delay: 50 ms
- Toggle: No
- Take Focus on Click: Yes
- Font: Arial
- Alignment: Center
- Background color: Default
- Word break: No
- Frame: (empty)
- Default button: No
- Graphics: (empty)
- Graphics alignment: Above centered
- Additional information: (empty)
- Help text: (empty)
- Help URL: (empty)

The **Form Navigator** dialog is open on the right, showing a tree view of the form components:

- DE-Issues
 - Title-Label
 - DateField-1
 - LabelField-1
 - LabelField-2
 - TextBox-1
 - PushButton-1

OpenOffice Macro Environment



The screenshot displays the OpenOffice Macro Environment window titled "My Macros & Dialogs.Standard - OpenOffice.org Basic". The window features a menu bar (File, Edit, View, Tools, Window, Help) and a toolbar with various icons. The main area is a code editor showing the following macro code:

```
REM This macro will automatically load the Articles Data Entry form when called.  
  
Sub DEArticlesForm  
  
Dim path As string  
Dim Noargs()  
path = convertToURL("C:\OODBFORMS\MagazineDB\Form-DE-Articles.odt")  
VectorFileForm = StarDesktop.loadComponentFromUrl(path, "_blank", 8, Noargs())  
  
End Sub
```

Below the code editor, there are two panels: "Watch:" and "Calls:". The "Watch:" panel has a table with columns for Variable, Value, and Type. The "Calls:" panel is currently empty.

At the bottom of the window, the status bar shows "Module1" and "Ln 7, Col 66". The Windows taskbar at the very bottom includes the Start button, several application icons, and the system tray showing the time as 5:12 PM.

OpenOffice Macros Environment

The screenshot shows the OpenOffice Writer interface with a macro environment. The main window displays a form titled "ues Data Entry Form" with a button labeled "Add Articles". A "Properties: Button" dialog is open on the left, and a "Form Navigator" dialog is open on the right, showing a tree view of form components including Title-Label, DateField-1, LabelField-1, LabelField-2, TextBox-1, and PushButton-1.

Assigning a Macro Event

The screenshot displays the OpenOffice.org Writer interface. The main document is titled "Issues Data Entry Form" and contains a button labeled "Add Articles". A "Properties: Button" dialog box is open, showing the "Events" tab. An "Assign Macro" dialog box is overlaid on top, listing various events. The "Mouse button pressed" event is selected in the "Event" column. The "Form Navigator" panel on the right lists the following elements: DE-Issues, abc Title-Label, 1 DateField-1, abc LabelField-1, abc LabelField-2, abc TextBox-1, and PushButton-1. The "Assign Macro" dialog box has the following structure:

Event	Assigned macro
When initiating	
When receiving focus	
When losing focus	
Key pressed	
Key released	
Mouse button pressed	
Mouse button released	
Mouse inside	
Mouse outside	
Mouse moved while key pressed	
Mouse moved	
Before commencing	

Buttons in the "Assign Macro" dialog include "Assign", "Remove", "OK", "Cancel", and "Help".

Assigning A Macro Event

The screenshot displays the OpenOffice.org Writer interface. A 'Properties: Button' dialog box is open, with the 'Events' tab selected. The 'Assign Macro' dialog box is also open, showing the 'Macro Selector' window. The 'Macro Selector' window displays a tree view of macro libraries: 'My Macros', 'Standard', and 'OpenOffice.org Macros'. The 'Standard' library is expanded, and 'Module1' is selected. The 'Macro name' field contains 'DEArticlesForm'. The 'Description' field is empty. The 'Form Navigator' window is also open, showing a list of form elements: 'DE-Issues', 'Title-Label', 'DateField-1', 'LabelField-1', 'LabelField-2', 'TextBox-1', and 'PushButton-1'. The 'PushButton-1' element is selected. The 'Add Articles' button is visible in the background, with a red box highlighting it. The status bar at the bottom shows 'Page 1 / 1', 'Default', 'INSRT', 'STD', 'HYP', and '*'. The system tray at the bottom right shows the time as 5:14 PM.

The Combo Box Wizard

The screenshot displays the OpenOffice.org Writer interface. The main window shows a form with a label "Date of Issue:" and an empty text box. A "Form Navigator" window is open on the right, listing form controls: DateField-1, LabelField-1, LabelField-2, TextBox-1, PushButton-1, LabelField-3, and a selected "ComboBox".

The "Combo Box Wizard - Data" dialog box is open in the foreground. It contains the following text:

Combo Box Wizard - Data

Data

Currently, the form the control belongs to is not (or not completely) bound to a data source.

Please choose a data source and a table.

Please note that the settings made on this page will take effect immediately upon leaving the page.

Table / Query:

- MagazineDB.articles
- MagazineDB.issues
- MagazineDB.magazines
- MagazineDB.reviews

Buttons at the bottom: << Back, Next >>, Finish, Cancel.

At the bottom of the main window, there is a label "Title Article:" and a horizontal line with a dropdown arrow.

Combo Box Wizard

Combo Box Wizard - Table Selection

Form	Data source	Content type	Table
	MagazineDB.odt	Content	MagazineDB.issues

Control

On the right side, you see all the tables from the data source of the form.

Choose the table from which the data should be used as basis for the list content:

- MagazineDB.articles
- MagazineDB.issues
- MagazineDB.magazines
- MagazineDB.reviews

<< Back Next >> Finish Cancel

Form Navigator

- 1 DateField-1
- LabelField-1
- LabelField-2
- TextBox-1
- PushButton-1
- LabelField-3
- ComboBox**

Date of Issue: []

Title Article: []

Combo Box Wizard

The screenshot displays the OpenOffice.org Writer interface. The main document area shows a form with two labels: "Date of Issue:" and "Title Article:". The "Date of Issue:" label is positioned above an empty rectangular text box. The "Title Article:" label is positioned above a horizontal line with a vertical scrollbar on the right side.

A "Combo Box Wizard - Field Selection" dialog box is open in the foreground. It has a green title bar and a close button. The dialog is divided into two main sections:

- Existing fields:** A list box containing the following text: ARTDBID, TITLE (highlighted in blue), DEPT-COL, STARTPG, DESC, KEYWORDS, CATEGORY, ISSUEDBID, and AUTHORBID.
- Display field:** A text box containing the word "TITLE". Below this text box is the instruction: "The contents of the field selected will be shown in the combo box list."

At the bottom of the dialog box, there are four buttons: "<< Back", "Next >>", "Finish", and "Cancel".

To the right of the dialog box, a "Form Navigator" window is open. It has a green title bar and a close button. It contains a list of form controls with a tree view structure:

- 1 DateField-1
- abc LabelField-1
- abc LabelField-2
- abc TextBox-1
- PushButton-1
- abc LabelField-3
- ComboBox (highlighted in blue)

The OpenOffice.org Writer window has a standard menu bar (File, Edit, View, Insert, Format, Table, Tools, Window, Help) and a toolbar with various icons. The status bar at the bottom shows "Page 1 / 1", "Default", and "INSRT STD HYP *". The Windows taskbar at the very bottom shows the Start button and several open applications, including "Maga...", "Op...", "5541...", "Adob...", and "Maga...". The system clock in the bottom right corner shows "5:19 PM".

Combo Box Wizard

Combo Box Wizard - Table Selection

Form

Data source	MagazineDB.odt	Content type	Table
		Content	MagazineDB.issues

Control

On the right side, you see all the tables from the data source of the form.

Choose the table from which the data should be used as basis for the list content:

- MagazineDB.articles
- MagazineDB.issues
- MagazineDB.magazines
- MagazineDB.reviews

<< Back Next >> Finish Cancel

Date of Issue:

Title Article:

Form Navigator

- 1 DateField-1
- abc LabelField-1
- abc LabelField-2
- abc TextBox-1
- PushButton-1
- abc LabelField-3
- ComboBox

Page 1 / 1 Default INSRT STD HYP * 5:18 PM

Combo Box Wizard

Date of Issue:

Combo Box Wizard - Field Selection

Existing fields

- ARTDBID
- TITLE**
- DEPT-COL
- STARTPG
- DESC
- KEYWORDS
- CATEGORY
- ISSUEDBID
- AUTHORDBID

Display field

TITLE

The contents of the field selected will be shown in the combo box list.

<< Back Next >> Finish Cancel

Title Article:

Form Navigator

- DateField-1
- LabelField-1
- LabelField-2
- TextBox-1
- PushButton-1
- LabelField-3
- ComboBox**

Page 1 / 1 Default INSRT STD HYP * 5:19 PM

Combo Box Wizard

The screenshot displays the OpenOffice.org Writer interface. The main window shows a form with two labels: "Date of Issue:" and "Title Article:". A "Combo Box Wizard - Database Field" dialog box is open, asking the user if they want to save the value in a database field. The "Yes, I want to save it in the following database field:" option is selected, and a dropdown menu is visible. The "Form Navigator" window is also open, showing a list of form fields: DateField-1, LabelField-1, LabelField-2, TextBox-1, PushButton-1, LabelField-3, and ComboBox. The "ComboBox" field is highlighted in blue. The status bar at the bottom shows "Page 1 / 1", "Default", and "INSRT STD HYP *". The taskbar at the very bottom shows the Start button and several open applications, including "Maga...", "- Op...", "SS42...", "Adob...", and "Maga...". The system clock shows "5:19 PM".

Combo Box Wizard - Database Field

You can either save the value of the combo box in a database field or use it for display purposes.

Do you want to save the value in a database field?

Yes, I want to save it in the following database field: [Dropdown]

No, I only want to save the value in the form.

<< Back Next >> Finish Cancel

Form Navigator

- 1 DateField-1
- LabelField-1
- LabelField-2
- TextBox-1
- PushButton-1
- LabelField-3
- ComboBox

Date of Issue: [Text Box]

Title Article: [Text Box]

The Finished Form

The screenshot displays the OpenOffice Writer interface with a document titled "Form-DE-Issues.odt". The document content is a form titled "Issues Data Entry Form" on a light blue background. The form includes the following elements:

- Date of Issue:** A text input field.
- Contents:** A large text area with a vertical scrollbar.
- Add Articles:** A central button.
- Title Article:** A dropdown menu.

The interface also shows a menu bar (File, Edit, View, Insert, Format, Table, Tools, Window, Help), a toolbar with various icons, a ruler at the top, and a status bar at the bottom indicating "Page 1 / 1" and "Design Mode On/Off".

User View of The Finished Form

The screenshot displays the OpenOffice Writer interface with a form titled "Issues Data Entry Form" on a light blue background. The form contains the following elements:

- Date of Issue:** A text input field containing the date "01/28/05".
- Contents:** A large, empty text area for entering article content.
- Add Articles:** A central button with a grey gradient and a black border.
- Title Article:** A dropdown menu for selecting an article title.

The OpenOffice Writer window title is "Form-DE-Issues.odt - OpenOffice.org Writer". The menu bar includes File, Edit, View, Insert, Format, Table, Tools, Window, and Help. The toolbar shows various editing and formatting icons. The status bar at the bottom indicates "Page 1 / 1", "Default" style, "100%" zoom, and "INSRT" mode. The Windows taskbar at the very bottom shows the Start button and several open applications, including MagazineDB, Adobe Acrobat, and the current OpenOffice window.

Entering Data

The screenshot displays the OpenOffice Writer interface with a form titled "Issues Data Entry Form". The form is set against a light blue background and contains the following elements:

- Date of Issue:** A text input field containing the date "2005-01-28".
- Contents:** A large, empty text area for entering the main content of the issue.
- Add Articles:** A central button with a grey gradient and the text "Add Articles".
- Title Article:** A dropdown menu for selecting an article title.

The OpenOffice Writer window title is "Form-DE-Issues.odt - OpenOffice.org Writer". The status bar at the bottom indicates "Page 1 / 1", "Default" style, "100%" zoom, and "INSRT STD HYP *". The Windows taskbar at the very bottom shows the Start button, several application icons, and the system clock displaying "6:04 PM".

Entering Data

The screenshot shows the OpenOffice Writer interface with a form titled "Issues Data Entry Form". The form is set against a light blue background and contains the following elements:

- Date of Issue:** A text input field containing "2005-01-01".
- Contents:** A text area containing a list of article titles: "Surveying Pac - Software by D'Zign, Lawsuits - Daratech - Points of Interest, Marketing Your Professional Surveying Business, Zero: The Biography Dangerous Idea, According to Hoyle, The Feud, 'All that certain message.', Claudius Crozet in Virginia: 'A Penetrating and Inventive Genius.'". A tooltip points to this area with the text "Enter titles of articles as a comma separated list."
- Add Articles:** A button with the text "Add Articles".
- Title Article:** A dropdown menu.

The OpenOffice Writer window title is "Form-DE-Issues.odt - OpenOffice.org Writer". The status bar at the bottom shows "Page 1 / 1", "Default", "100%", "INSRT", "STD", "HYP", and "6:09 PM". The Windows taskbar at the very bottom shows the Start button and several open applications, including "Form-DE-Issues.odt - ..." and "5547.bmp - Paint".

Entering Data

Form-DE-Issues.odt - OpenOffice.org Writer

File Edit View Insert Format Table Tools Window Help

Default Times New Roman

Issues Data Entry Form

Date of Issue: 2005-01-01

Contents:
Surveying Pac - Software by D'Zign, Lawsuits - Daratech - Points of Interest, Marketing Your Professional Surveying Business, Zero: The Biography of a Dangerous Idea, According to Hoyle, The Feud, "All that certain message.", Claudius Crozet in Virginia: "A Penetrating and Inventive Genius."

Add Articles

Title Article:

- BLM Surveyors Travel A Rocky Road
- Hertzian Waves
- High Definition Surveying 3D Laser Scanning
- Marketing Your Professional Surveying Business

Record 1 of 1

Page 1 / 1 Default 100% INSRT STD HYP *

Start Form-DE-Issues.odt - ... 5548.bmp - Paint 6:10 PM

SQL Queries

The screenshot displays the OpenOffice.org Base application window titled "MagazineDB - OpenOffice.org Base". The interface includes a menu bar (File, Edit, View, Insert, Tools, Window, Help) and a toolbar. On the left, a "Database" sidebar contains icons for Tables, Queries, Forms, and Reports. The main workspace is divided into two sections: "Tasks" and "Queries".

Tasks Panel:

- Create Query in Design View...
- Use Wizard to Create Query...
- Create Query in SQL View...** (highlighted)

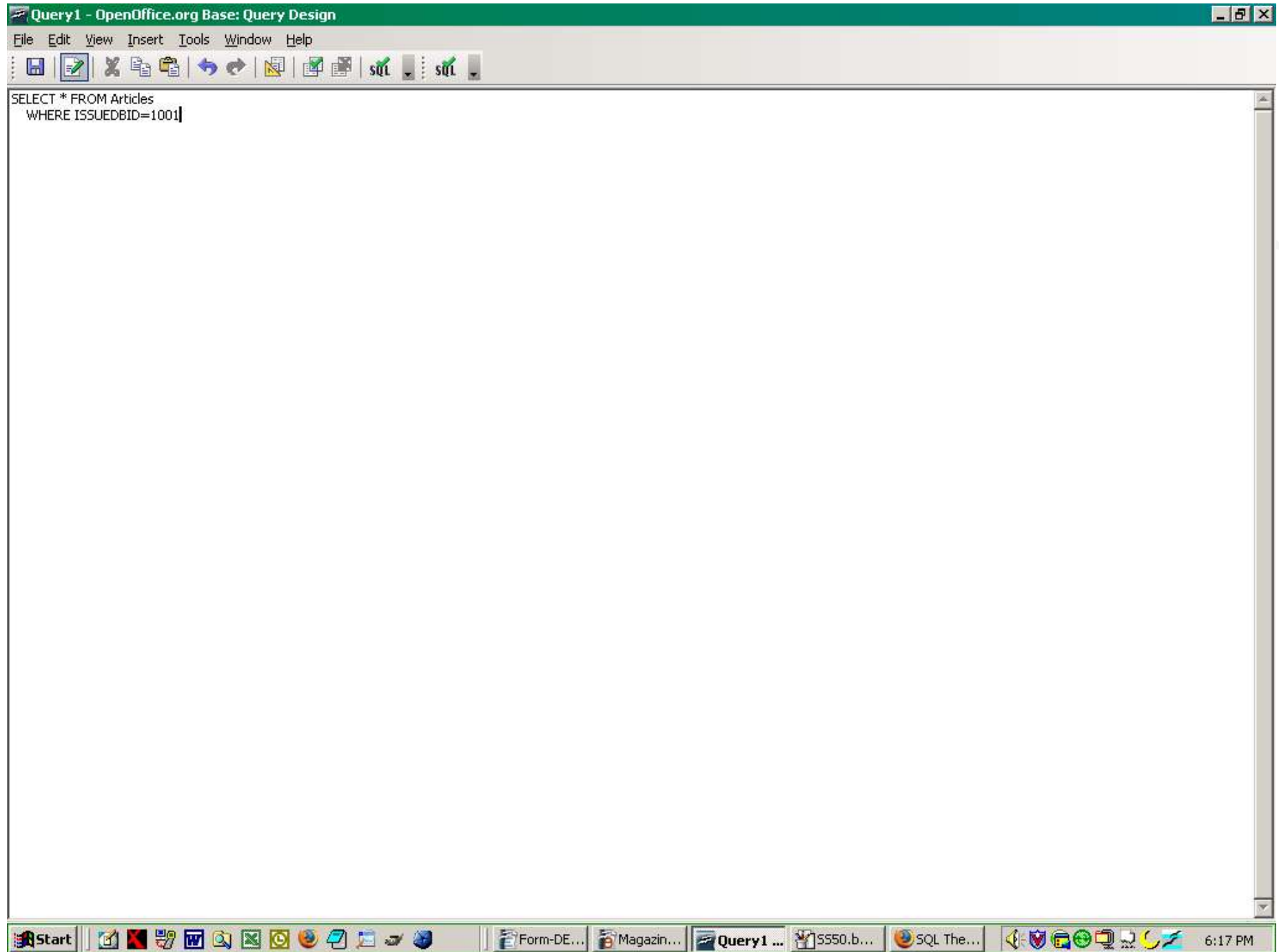
Description: Create a query entering an SQL statement directly.

Queries Panel:

None ▾

The bottom status bar shows the current connection as "MySQL (JDBC)" for the "MagazineDB" database, with a "Surveyor" user and ID "lb-2k-bwf8811". The Windows taskbar at the bottom shows the Start button, several application icons, and the system tray with the time "6:13 PM".

SQL Queries



The image shows a screenshot of the OpenOffice Base Query Design window. The title bar reads "Query1 - OpenOffice.org Base: Query Design". The menu bar includes "File", "Edit", "View", "Insert", "Tools", "Window", and "Help". The toolbar contains various icons for file operations and database actions, including two "SQL" buttons. The main text area contains the following SQL query:

```
SELECT * FROM Articles  
WHERE ISSUEDBID=1001
```

The Windows taskbar at the bottom shows the Start button and several open applications: "Form-DE...", "Magazin...", "Query1 ...", "5550.b...", and "SQL The...". The system tray on the right shows the time as 6:17 PM.

SQL Queries

The screenshot shows the OpenOffice Base Query Design window. The title bar reads "Query1 - OpenOffice.org Base: Query Design". The menu bar includes "File", "Edit", "View", "Insert", "Tools", "Window", and "Help". The toolbar contains various icons, including a save icon, a query icon, and two "SQL" dropdown menus. The main text area contains the following SQL query:

```
SELECT * FROM Articles  
WHERE ISSUEDBID=1001
```

A "Save As" dialog box is open in the center of the window. It has a title bar "Save As" and a close button. The "Query name" field contains the text "All-Articles". Below the field are three buttons: "OK", "Cancel", and "Help".

The Windows taskbar at the bottom shows the Start button, several application icons, and the system tray with the time "6:17 PM".

SQL Queries

The screenshot shows a window titled "All-Articles" with a menu bar (File, Edit, View, Insert, Tools, Window, Help) and a toolbar. The main area contains the following SQL query:

```
SELECT * FROM Articles  
WHERE ISSUEDBID=1001
```

A "Run Query" button is located to the right of the query text.

Viewing SQL Query

The screenshot shows a window titled "All-Articles" with a menu bar (File, Edit, View, Insert, Tools, Window, Help) and a toolbar. Below the toolbar is a table with the following data:

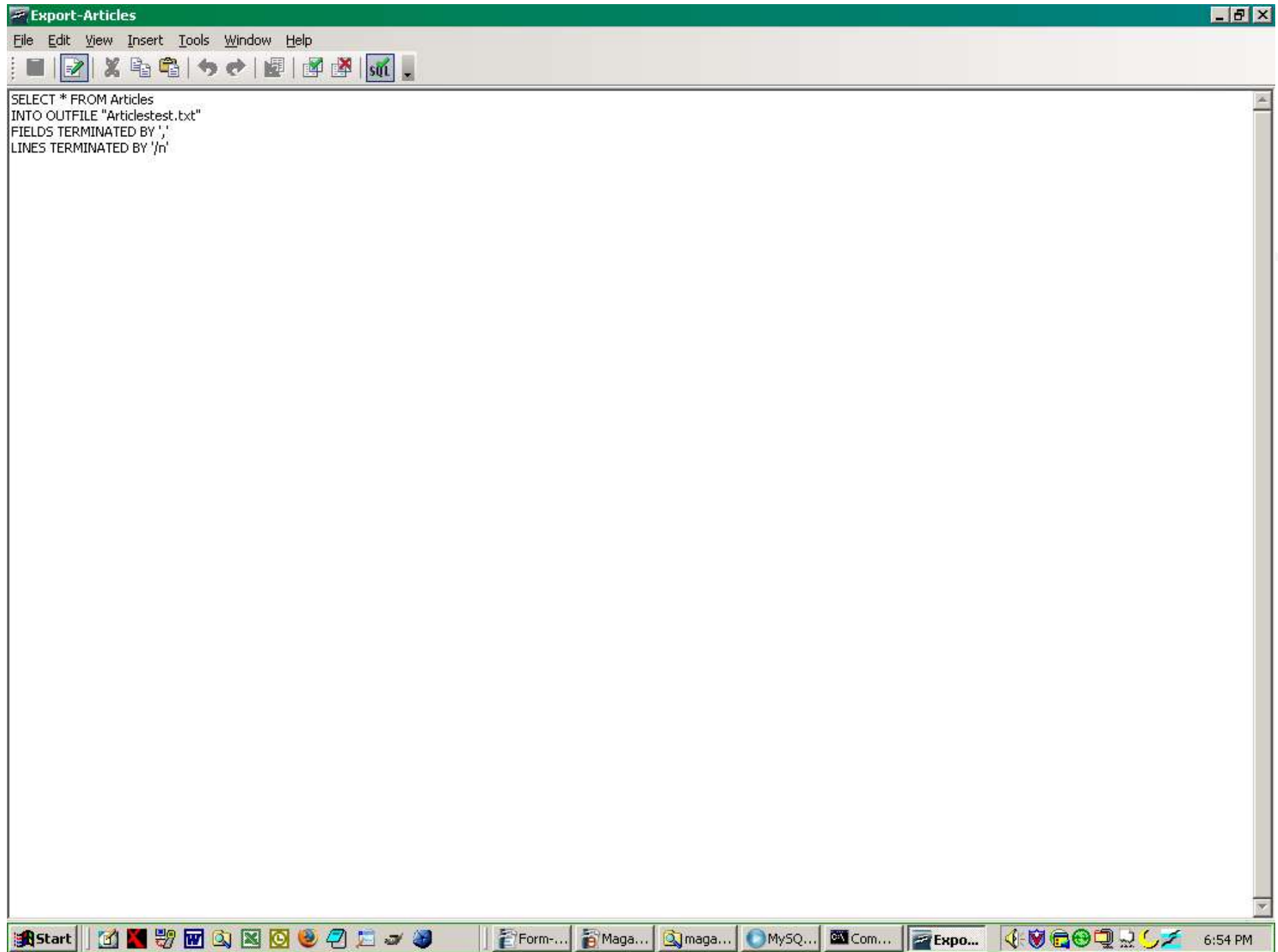
ARTDBID	TITLE	DEPT_COL	STARTPG	DESC	KEYWORDS	CATEGORY	ISSUEDBID	AUTHORBID
1001	BLM Surveyors Travel A Rocky Road			The	Cadastral	Survey	1001	1001
1002	Hertzian Waves		16	Measurin	Geodesy	Survey	1001	1002
1003	High Definition Surveying 3D Laser Scanning		22	This	Technology	Survey	1001	1003
1004	Marketing Your Professional Surveying Business		34	New	Business	Survey	1001	1004

Below the table, the status bar shows "Record 1 of". Below the status bar is an SQL query editor containing the following text:

```
SELECT * FROM Articles
WHERE ISSUEDBID=1001
```

The Windows taskbar at the bottom shows the Start button, several application icons, and the system tray with the time 6:19 PM.

Getting The Data Out



The screenshot shows a window titled "Export-Articles" with a menu bar (File, Edit, View, Insert, Tools, Window, Help) and a toolbar. The main text area contains the following SQL query:

```
SELECT * FROM Articles  
INTO OUTFILE "Articlestest.txt"  
FIELDS TERMINATED BY ','  
LINES TERMINATED BY '\n'
```

The taskbar at the bottom shows the Start button and several open applications: Form..., Maga..., maga..., MySQL..., Com..., and Expo... The system tray on the right shows the time as 6:54 PM.

Getting The Data Out

The screenshot shows the OpenOffice.org Base application window titled "MagazineDB - OpenOffice.org Base". The interface includes a menu bar (File, Edit, View, Insert, Tools, Window, Help) and a toolbar. On the left, a "Database" sidebar contains icons for Tables, Queries, Forms, and Reports. The "Tasks" pane lists options like "Create Query in Design View...", "Use Wizard to Create Query...", and "Create Query in SQL View...". The "Queries" pane shows "All-Articles" and "Export-Articles". A modal dialog box titled "OpenOffice.org Base" is displayed in the center, containing an information icon and the text: "The data content could not be loaded. ResultSet is from UPDATE. No Data". The dialog has "OK" and "More" buttons. The status bar at the bottom shows "MySQL (JDBC)", "MagazineDB", "Surveyor", and "lb-2k-bwf8811". The Windows taskbar at the very bottom shows the Start button, several application icons, and the system tray with the time "6:59 PM".

Importing To OpenOffice Calc

The screenshot shows the OpenOffice Calc application window titled "Export - Articles". The main window contains a SQL query:

```
SELECT * FROM Articles  
INTO OUTFILE "Articlestest.txt"  
FIELDS TERMINATED BY ','  
LINES TERMINATED BY '\n'
```

Overlaid on this window is a "Text Import - [Articlestest.csv]" dialog box. The dialog box has the following settings:

- Import: Character set: Western Europe (Windows-1252/WinLatin 1), From row: 1
- Separator options: Separated by, Comma, Tab, Semicolon, Merge delimiters, Other, Space, Text delimiter: "
- Fields: Column type: Standard

The dialog box also features a preview table with the following data:

	Standard	Standard	Standard	Standard	Stand
1	1001	BLM Surveyors Travel & Rocky Road	\N	8	The

The Windows taskbar at the bottom shows the Start button, several application icons, and the system tray with the time 6:55 PM.

Exported Data In Calc

The screenshot shows the OpenOffice Calc application window with the following data table:

	A	B	C	D	E	F	G	H	I	J
1	Article DB ID	Title	Starting Page #	Description	Type	Category	Issue DB ID	Author DB ID		
2	1001	BLM Surveyors Travel A Rocky Road	8	The rugged NewMexico wilderness provides the setting for this account of BLM surveyors using wireless GPS RTK for re-establishing a key monument.	Cadastral	Survey	1001	1001		
3	1002	Hertzian Waves	16	Measuring longitude over long distances has been challenging throughout history. Wireless communication makes it easy.	Geodesy	Survey	1001	1002		
4	1003	High Definition Surveying 3D Laser Scanning	22	This article examines four business models that organizations have implemented for this technology.	Technology	Survey	1001	1003		
5	1004	Marketing Your Professional Surveying Business	34	Newbusiness columnist Jeff Salm on sets out some points to ponder regarding marketing surveying services.	Business	Survey	1001	1004		
6										
7										
8										
9										
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23										
24										



Credits

OpenOffice Base Team

OpenOffice Marketing Team

OpenOffice Macro/API Forum

OpenOffice Authors

Monique Blake